

Recent publication (photo):

Mandiľ, Leo; Sohora, Margareta; Mihaljević, Branka; Biczók, László; Basarić, Nikola
"The effect of the rate of photoinduced electron transfer on the photodecarboxylation efficiency in phthalimide photochemistry ", *Journal of photochemistry and photobiology. A, Chemistry*, **408** (2020), 1-7 (řlanak, znanstveni)

Margareta, Sohora; Mandiľ, Leo; Basarić, Nikola:
"[3+2] cycloaddition with photogenerated azomethine ylides in β -cyclodextrin", *Beilstein journal of organic chemistry*, **16** (2020), 1296-1304 (řlanak, znanstveni)

Mandiľ, Leo; Dřeba, Iva; Jadrećko, Dijana; Mihaljević, Branka; Biczok, Laszlo; Basarić, Nikola: **"Photophysical properties and electron transfer photochemical reactivity of substituted phthalimides"**, *New journal of chemistry*, **44** (2020), 17252-17266 (řlanak, znanstveni)

Pitesa, Tomislav; Aleskovic, Marija; Becker, Kristin; Basaric, Nikola; Dođiľ, Nařa:
"Photoelimination of Nitrogen from Diazoalkanes: Involvement of Higher Excited Singlet States in the Carbene Formation. " // *Journal of the American Chemical Society*. **142** (2020), 21; 9718-9724 (řlanak, znanstveni)

Zlatiľ, Katarina; Antol, Ivana; Uzelac, Lidija; Mikecin Drađiľ, Ana-Matea; Kralj, Marijeta; Bohne, Cornelia; Basarić, Nikola: **"Labeling of Proteins by BODIPY-Quinone Methides utilizing Anti-Kasha Photochemistry"**, *ACS Applied Materials & Interfaces*. **12** (2020) , 1; 347-351 (řlanak, znanstveni)

Zlatiľ, Katarina; Ayouchia, Hicham Ben El; Anane, Hafid; Mihaljević, Branka; Basarić, Nikola; Rohand, Taoufik: **"Spectroscopic and photophysical properties of mono- and dithiosubstituted BODIPY dyes"**, *Journal of photochemistry and photobiology. A, Chemistry*. **388** (2020) , 112206; 1-8 (řlanak, znanstveni)

Ćumanovac, Tatjana; Alećković, Marija; Ćekutor, Marina; Matković, Marija; Baron, Thibaut; Mlinarić-Majerski; Bohne, Cornelia; Basarić, Nikola: **"Photoelimination of Nitrogen from Adamantane and Pentacycloundecane (PCU) Diazirines: Spectroscopic Study and Supramolecular Control"**, *Photochem & photobiol sci*. **18** (2019) ; 1806-1822 (řlanak, znanstveni).

Ma, Jiani; Ćekutor, Marina; Ćkalamera, řani; Basarić, Nikola; Phillips, David Lee.
"Formation of Quinone Methides by Ultrafast Photodeamination: A Spectroscopic and Computational Study", *J. Org. Chem*. **84** (2019) ; 8630-8637 (řlanak, znanstveni).

Benřiľ, Patricia; Mandiľ, Leo; Dřeba, Iva; Tartaro Bujak, Ivana; Biczók, László; Mihaljević, Branka; Mlinarić-Majerski, Kata; Weber, Igor; Kralj, Marijeta; Basarić, Nikola.
"Application of 4-amino-N-adamantylphthalimide solvatochromic dye for fluorescence microscopy in selective visualization of lipid droplets and mitochondria", *Sensors and actuators. B, Chemical*. **286** (2019) , x; 52-61 (řlanak, znanstveni).

Sambol, Matija; Ester, Katja; Landgraf, Stephan; Mihaljević, Branka; Cindrić, Mario; Kralj, Marijeta; Basarić, Nikola: **"Competing photochemical reactions of bis-naphthols and their photoinduced antiproliferative activity"**, *Photochem & photobiol sci.* **18** (2019) ; 1197-1211 (Ilanak, znanstveni).

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